

Translation

PATENT COOPERATION TREATY

PCT/JP2003/014124



PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference FMT0301-PCT	FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. PCT/JP2003/014124	International filing date (<i>day/month/year</i>) 05 November 2003 (05.11.2003)	Priority date (<i>day/month/year</i>)
International Patent Classification (IPC) or national classification and IPC H04B 10/00, 10/16, G09B 7/02, 19/00		
Applicant KABUSHIKI KAISHA MEDIA TECHNICAL		

<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> (<i>sent to the applicant and to the International Bureau</i>) a total of _____ sheets, as follows:</p> <p style="margin-left: 40px;"><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p style="margin-left: 40px;"><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (<i>sent to the International Bureau only</i>) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>	
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>	

Date of submission of the demand 28 April 2004 (28.04.2004)	Date of completion of this report 14 February 2005 (14.02.2005)
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2003/014124

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

- ☐ This report is based on translations from the original language into the following language _____, which is language of a translation furnished for the purpose of:
- ☐ international search (under Rules 12.3 and 23.1(b))
- ☐ publication of the international application (under Rule 12.4)
- ☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

- ☒ The international application as originally filed/furnished
- ☐ the description:
- pages _____, as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ the claims:
- pages _____, as originally filed/furnished
- pages* _____, as amended (together with any statement) under Article 19
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ the drawings:
- pages _____, as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP03/14124

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Claims

1-6

YES

Claims

NO

Inventive step (IS)

Claims

3, 5, 6

YES

Claims

1, 2, 4

NO

Industrial applicability (IA)

Claims

1-6

YES

Claims

NO

2. Citations and explanations (Rule 70.7)

Document 1: WO, 01/73630, A (K.K. MEDIA TECHNICAL), 04 October 2001 (04.10.01), full text, all drawings

Document 2: JP, 10-149086, A (NIPPON TELEGRAPH AND TELEPHONE CORPORATION), 02 June 1998 (02.06.98), paragraph 28, Fig. 9, Fig. 12

Document 3: JP, 06-077904, A (SONY CORPORATION), 18 March 1994 (18.03.94), paragraph 10, Fig. 2

Document 4: JP, 62-177140, U (SHARP CORPORATION), 10 November 1987 (10.11.87), full text, all drawings

The subject matter of claims 1, 2, and 4 does not involve an inventive step on account of document 1 and document 2 cited in the ISR and newly added document 3 and document 4.

Document 1 does not disclose the point "in a case in which there is a center unit, a plurality of answer units, and a plurality of auxiliary light projector/receivers, a relay light receiving means for receiving and relaying light signals projected by any of the auxiliary light projector/receivers, a relay signal generating means for generating relay signals according to the aforesaid relay received light signal, and a relay light projection means for projecting the aforesaid relay light using light signals are disposed in the space above a meeting place." But the invention of this application and the invention described in document 2 both address the issue of "making it possible to use multiple answer units by relaying projected and received light," and a light relay device constituted so that a received light signal is relayed without modification is well-known to a person skilled in the art, as disclosed in document 3 and document 4, so using a light relay device with a constitution known to a person skilled in the art in the invention described in document 1 in order to enable using multiple answer units by relaying projected and received light and arriving at the invention of claims 1, 2, or 4 does not appear difficult.

The subject matter of claims 3, 5, and 6 is not described in any of the documents cited in the ISR and is non-obvious to a person skilled in the art.